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Customs Union Update on MRLs for Pesticides in Ag Products

Report Categories:
Sanitary/Phytosanitary/Food Safety

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Report Highlights:
The Commission of the Customs Union of the Republic of Belarus, Republic of Kazakhstan and Russian Federation approved the Maximum Residue Limits (MRLs) for pesticides and chemicals in external entities, including agricultural products, by its Decision 341 of August 18, 2010. The MRLs were developed by the sanitary authorities of the three countries on the basis of the Russian Hygienic Norms for Chemicals and Pesticides in External Entities (HN 1.2.1323-03). According to information from the Russian Federal Service for Veterinary and Phytosanitary Surveillance (VPSS), the Customs Union MRLs have already become the guideline for VPSS's control of pesticide and chemical residues in imported commodities.

General Information:

The Decision of the Customs Union Commission No. 341 of August 18, 2010, amended some previous Customs Union documents on sanitary/veterinary/phytosanitary control [i], including the Requirement for Pesticides and Agrochemicals. The updated requirements were composed on the bases of the Russian Hygiene Norms for Chemicals and Pesticides in the External Entities (HN 1.2.1323-03) and fourteen amendments to these norms [ii]. The current Customs Union requirements include a list of 486 chemicals (active substances) with specified maximum allowed levels in the human body, in soil, in reservoir water, in working air, in open air, and in products (Table 1). This list does not specify the brand name of the chemical, as it was in the Russian MRLs for pesticides. However, the composition of requirements for chemicals is still not user-friendly for producers of a certain agricultural products because it is necessary to search for this crop in all of the different chemicals in order to find the MRL.

According to the Russian Federal Service for Veterinary and Phytosanitary Surveillance at the Ministry of Agriculture (VPSS), they have already begun using these Customs Union requirements for control of pesticide and chemical residues in agricultural products. Formerly they used the Russian Hygienic Norms HN 1.2.1323-03 developed by the Russian Federal Service for the Protection of Consumer Rights and Well-Being of Population at the Ministry of Health (Rospotrebnadzor), as was described in the previous GAIN reports on MRLs for pesticides and chemicals.

[i] information on the original Customs Union documents in the sphere of sanitary/veterinary and phytosanitary control is in the GAIN report RS1036 Customs Union Update July 2010 _ Moscow _ Russian Federation _7/26/2010)

[ii] For Russian MRLs for Pesticides and Chemicals see GAIN reports . The last one is RS1029 _ Update on MRLs for Pesticides and Chemicals in Agricultural Crops _ Moscow _ Russian federation _ 6/22/2010

Pesticides and Other Contaminants:

The complete Russian text of the Customs Union MRLs for pesticides in objects of environment and in products can be found on the Customs Union website http://www.tsouz.ru/KTS/KTS18/Documents/P_341_4.pdf in paragraph 11 of the Customs Union Commission Decision No. 341 of August 17, 2010. The unofficial English translation of the complete Decision No. 341 is attached to this report.

Table 1. Table Titles and Abbreviations Used in the Customs Union Hygiene Norms for Active Ingredients of Pesticides in the Objects of Environment, in Agricultural Crops and in Food Products

No. of	Name of active	ADD (mg/kg	MAC/ APC in	MAC/ AAL in	MAC/ SRLI in	MAC/ SRLI In	MPL/TMPL in product

item	ingredient	of human body weight)	soil (mg/kg)	water of water basins (mg/dm^3)	air of working area ($mg/м^3$)	atmospheric air (mg/m^3)	(mg/kg)
1	2	3	4	5	6	7	8

Description of abbreviations in the table:

1. The following admissible values are specified: ADD – acceptable daily dose, TADD - temporary acceptable daily dose (marked with asterisk *); MAC - maximum admissible concentration; (m.o.t.) - maximum one time concentration; (a.-d.) - average daily concentration / APC - Approximate permissible concentration (for soil), AAL- Approximate admissible level (for water), SRLI - Safe Reference Levels of Impact (for air); MPL – maximum permissible level, TMPL - Temporary maximum permissible level marked with asterisk (*), and MPL for imported production is marked with two asterisks (**)

2. Abbreviations and symbols in the table**:** nr – substance not rated in the given media; rnr -rating of substance is not required in the given media; (st)- sanitary –and- toxicological; (gen.)- general-purpose sanitary; (tr.) -translocation; (org.) - organoleptic; (m.-w.) - migratory - water; (m.-a.)- migratory - air; (ph.)- phytosanitary; (A)- allergic agent; (a)- aerosol; (v +a) – vapors + aerosol; (+)-dangerous in case of contact with skin; (++) – substances, which require to exclude any contact with respiratory organs and skin with mandatory monitoring of air in working area using approved method at a level of sensitivity min 0,001 mg/m^3.

The Table 2 below is an extract from the attached translation, and shows only names of chemicals and MRLs in products. Please note that this table is extracted from an unofficial translation, and it is better to check the Russian original text as well.

Table 2. MRL/TMPL in Agricultural Products (mg/kg)

No	Name of active ingredient (Column 2)	MPL/TMPL in product (mg/kg) (Column 8)
1	β -digidroheptachlore	potatoes, cotton plant (oil), grapes- 0.15; sugar beet, vegetables (except potatoes) - 0.2; blue poppy -0.15*
2	(indolyl -3) acetic acid	Rnr
3	(chloride-N, N- dimethyl -N-)-(2-chloroethyl) hydrozinia	cereal grain, fruits (pomaceous fruits), potatoes - nr
4	0-(2, 4- dichloro phenol)-S- propyl - O-ethylphosfate	Fruits (pomaceous fruits, stone fruits), citrus fruits, cabbage, potatoes, meat - 0.01; grapes, berries -0.01*; cotton plant (oil) – 0.02*; sunflower (seeds) – 0. 1 *; sugar beet - 0.02
5	0-(4- tret-butyl -2-chlorophenyl) -0-methyl -N- methyl- amidophosphate	meat, meat products - 0.3
6	0-methyl-0-(2, 4, 5- trichlorophenil) -0-	cucumbers, tomatoes, sugar beet, cabbage,

	ethyltiophosphate	fruits (pomaceous fruits, stone fruits), grapes, mushrooms -1.0; tobacco - 0.7; citrus fruits - 0.3*; tea - 0.5; cotton plant (oil) -0. 1
7	0-ethyl-0- phenyl-S- propilthiophosfate	all food products –nr
8	0,0-Dimethyl-0-(4-methylthio-3-мmethyl-phenil) thiophosphate	nr
9	1,1-di-(4-chlore- phenil) - 2,2,2- trichloroethane (DDT)	Meat and poultry (fresh, cooled and frozen), byproducts (lever, kidneys), sausages, cookery, canned meat and poultry – as per raw material (in terms of fat); eggs, flax (seeds), rape (grain), mustard, vegetables, melons, mushrooms, potatoes, fruits, berries, grapes, vegetable oil, deodorized, of best purification, gelatin - 0,1; milk and cultured milk products, grain legumes, soya(beans) - 0,05; milk processing products (cheeses, curd products, butter, cream, sour cream), concentrates of milk, whey proteins, dry milk and milk products (in terms of fat), animal fat - 1.0; freshwater fish (fresh, cooled, frozen)-0.3; sea tuna fish, (fresh, cooled, frozen), meat of sea animals, non-deodorized vegetable oil, fish fat - 0.2; fish: salty, smoked, sun-cared - 0.4; fish cans (freshwater, seawater, tuna fishes, meat of sea animals) – as to raw material; lever of fishes and products made of it - 3.0; caviar, sturgeons, salmons, fat herring -2.0; cereal grain, corn - 0.02; flour confectionery – 0.02; starch and syrup made of corn-0.05; starch and syrup made of potatoes- 0.1; flour, cereals - as per; seeds of sunflower, peanut, nuts, cocoa (beans), cocoa-products - 0,15; fruit and vegetables cans- as per raw material; juices - as per raw material; honey - 0.005; tobacco -0.7; protein products made of seeds of cereals, leguminous plants etc., - 0.01; Baby products: adapted milk mixes (for children 0—3 months)-0.01; products for children 4-12 months: milk, meat, cereals -0.01; vegetables, potatoes, fruits - 0.005; butter - 0.2; vegetable oil - 0.1
10	1,1-dioxotiolanin-3- three ethylene salt of dithiocarbarnic acid	Nr
11	1- (2-chloreetoxicarbonilmethyl)-calcium naphthalene sulfoacids	potatoes-nr
12	[1-(4-nitrophenyl) -2- amino -1,3-propandiol] nitrate	tomatoes – nr
13	2, 3, 6-TBA	wheat -0.05*
14	2, 4-Д acid	cereal grain, corn (grain), panicum -0.05; corn (oil)-0.1;milk-0.04; meat-0.08; butter-0.1; flour, grits – as per raw material; fresh
15	2, 4-Д butyl ether	
16	2, 4-Д low-volatile esters +2,4Д 2-	

	ethylhexyl ester	water fish -0.01; citrus fruits -1.0**
17	2, 4-Д octyl ester	
18	2, 4-ДВ	cereal grain – nr
19	2- amino -6- dimethylamino -4-chloride-1 ,3,5- triazine (metabolite and preproduct of gramex synthesis)	Nr
20	2-carbometoxi-amino-qunazalon	Nr
21	2-methyl-4-dimethylaminomethyl-benzimidazole -5-ole dihydropochloride	corn, cucumbers –nr
22	2-methyl-4-oxo-3-(prop-2-enyl)-2-cyclopenten-2- en-1-il-2,2-dimethyl-3-(2-methyl- prop -1-enyl-cyclopropancarbonat	Nr
23	2-oxo-2,5-dihydrofueran	cereal grain, corn (grain), rice -0,2; cucumbers, cabbage-nr
24	2-chloreathylphosphon acid benzimidazol sault	potatoes-nr
25	2-(diphenylacetyl)1H-inden-1,3-2H- dion	Nr
26	2-[4-(1-methylethyl) phenyl phenylacetyl]-1H-indan-1,3 dion	Nr
27	2-[(4-chlorophenil) phenilacetil]-1H-inden-1,3 (2H) -dion	Nr
28	3,3-dichlore-tri-cyclo-(2,2,1)-hepta-5-en-2-spiro-[2'-(4',5-dichlore-4'-cyclopenten-1',3'-dion]	Nr
29	5-ethyl-5-hydroximethyl-2-(phuril-2)-1,3- dioxane	cereal grain - 0,1; pepper, tomatoes-0.05
30	5,6,7- trichloro -3- benzothiadiazine -oxide -1	sugar beet -0.04
31	6-methyl-2- thiouracil sodium salt	panicum, oats – nr
32	Bacillus thuringiensis , var. dendrolimus (sporo – crystalline complex and ectotoxin	Rnr
33	Bacillus thuringiensis, var. insektus (sporo – crystalline complex and ectotoxin)	Rnr
34	Bacillus thuringiensis, var. kurstaki (sporo –- crystalline complex)	Rnr
35	Bacillus thuringiensis, var. tenebrionis (sporo –- crystalline complex and ectotoxin	Rnr

36	Bacillus thuringiensis, var. thuringiensis (sporo – - crystalline complex)	Rnr
37	Bacillus thuringiensis, var. thuringiensis (sporo –- crystalline complex and ectotoxin	Rnr
38	Beaveria bassiana (conidia)	Rnr
39	EPTC	corn (grain), vegetable oil, sugar beet-0.05
40	MCPA	pea, panicum, rice, potatoes, sunflower (oil), cereal grain-0.05, beans-0.1
41	MCPB	cereal grain, legumes-0.1
42	N-hexyloxymethylazepin	Nr
43	NN-β- oxyethyl (morpholiny chloride)	cotton plant (oil), buckwheat - nr
44	N,N - dimethyl - N '-(3-chlorephenil) guanidine	cucumbers- 1.0
45	N- β - methoxy -ethylchloraceto-0-toluide	cotton plant (oil) -0.25; corn -0.5*
46	N- β -etoxiethylchloreacetamid	Nr
47	N-(isopropoxi -carbonil-0-(4-chlorophenilcarbamoila)- ethanolamine	All food products – nr
48	N-(4-chlorophenyl) -4, 6-dimethyl-3-carboxipiri-din-2-on	cotton plant (oil) –nr
49	N-methyl-0-tolilcarbamat	milk, milk products, eggs - nr
50	-2, 6-lutidine N- oxide	tomatoes, cucumbers -0.04;
51	S-methyl-methyl- carbomoil) oxitiaceti-midat	Nr
52	Pseudomonas syringae (bacteriophage)	Rnr
53	Verticillium lecanii (conidin)	Rnr
54	abamectin	cucumbers-0.01; fruits (pomaceous fruits), tomatoes, pepper, eggplants, grapes - 0.003
55	aversectin C	cucumbers, tomatoes, potatoes, fruits (pomaceous fruits), currant -0.005; meat-0.004; byproducts-0.01; fat-0.024; milk-0.001
56	azimsulfuron	rice-0.02
57	aziprotrin	vegetables (except for potatoes) - 0.2
58	azoxitrobin	grapes, cucumbers – 0.2 , tomatoes - 2.0; cereal grain - 0.3; onion - 0.05
59	acvo-N-oxi-2-methylpiridin manganese (II) chloride	Cereal grain - 0.08

60	akrinatrin	Fruits (pomaceous fruits) - 0.03*
61	acraldehyde	Rnr
62	alachlor	soya (beans, oil), corn (grain) -0.02*
63	aldrin	potatoes, beets-0.002; cabbage-0.004; vine, vegetables, products of their processing-0.005; animal fat, milk, cream, curd-0.04; sugar-0.02
64	alkyl - ether - sodium salt sulfate	Nr
65	Alloxidim natrium	sugar beet, red beet - 0.05
66	Alfa Cypermethrin (mixture of Cypermethrin isomers	grapes, fruits (stone fruits), red beets, mustard, tomatoes, wild-growing mushrooms and berries – 0.005; pea-0.1; rape (grains, oil), cereal grains, potatoes, sugar beets, fruits (pomaceous fruits) -0.05; corn (grains, oil)-0.05
67	aluminum fosethyl	grapes - 0.8; cucumbers - 0.5; onion -0.01; dry hop - 1.0
68	amidosulphuron	cereal grain -0.1 ; corn (grain, oil) -0.5
69	free amino acids	Rnr
70	aminopiralid	cereal grain- 0.1
71	aminophumare acid dimethyl ester	Rnr
72	amitraz	cucumbers, tomatoes, honey, hop - 0.2; fruits (pomaceous fruits, stone fruits)- 0.5; cotton plant (oil) -0.01
73	arachidonic acid	Rnr
74	atrazine	corn (grain) -0.03; meat, eggs -0.02;milk – 0.05
75	acetoxime	Nr
76	acetamipride	cereal grain, potatoes -0.5; cucumbers, tomatoes -0.3
77	Poliprenol acetates (made of needles of Siberian fir)	Rnr
78	acetylenic alcohol	Rnr
79	acetochlorine	soya (beans), sunflower (seeds), rape (grains, oil) -0.01; soya (oil) 0.04; sunflower (oil) - 0.02; corn (grains) 0.03
80	acifluorfene	soya (beans , oil) -0.1
81	anaerobic bacterias activated cultures	Rnr

82	bendiocarb	sugar beet, corn (grain) -0.05*
83	benzoyl formic acid sodium salt	cotton plant (oil), flax (seeds), cereal grain – 0.5
84	benzoilpropetil	Nr
85	benomyl	cereal grain, rice - 0.5; sugar beet-0.1; sunflower (seeds), potatoes-0.1*; grapes (berries, сок), soya (oil)-0.015; vegetables (except for potatoes), fruits (pomaceous fruits, stone fruits)– 0.075; soya (beans) – 0.02
86	bensulide	Nr
87	bensultape	potatoes, hop, tomatoes, eggplants -0.04; cereal grain-0.05
88	bensulphuron-methyl	rice - 0.02
89	bentazone	cereal grain, rice, pea, soya (beans, oil), corn (grain) -0.1; dry hop - 1.0*
90	beta-ciflutrine	fruits (pomaceous fruits), potatoes - 0.2; cabbage, cereal grain, rape (grain, oil)-0.1; pea - 0.2*, sugar beet-0.5
91	binapacryl	fruits, citrus fruits – nr
92	bioresmetrin	tomatoes, cucumbers - 0.4; pepper - 0.01*; fish-0.0015; currant – 0.02*
93	sodium bisphyribac	rice-0.1
94	Biphenthrin	cotton (oil) - 0.015; fruits (pomaceous fruits) -0.04; grain (stored). grapes -0.2; tomatoes, cucumbers - 0.4; corn (grain) - 0.01; sugar beet -0.1*; corn (oil), sunflower (seeds, oil)-0.02; cabbage-1.0; rape (grain. oil)-0.1
95	boskalide	sunflower (seeds, oil)-0.5; rape (grain, oil)-0.2; grapes-5.0
96	brodifacum	Rnr
97	bromadiolone	Rnr
98	bromide 4- methyl benzole aldehyde triphenyl-phosphonium +4-nitrodiphenylazo-metin methylentriphenyl- phosphonium - bromide	corn- nr
99	bromoxynil	cereal grain, panicum, corn (grain) -0.05

100	bromophos	cabbage, frigole, cucumbers, salad, pea, grapes -0.05; fruits (pomaceous fruits) - 0.1; fruits (stone fruits)-0.07; dry hop - 0.5; berries- 0.04
101	brompropilate	cotton plant (oil) -0.02*; fruits (pomaceous fruits), honey - 0.02; grapes -0.01*; citrus fruits - 0.03; berries- 0.05
102	bromuconazol	Cereal grain, fruits (pomaceous fruits), grapes - 0.04; berries - 0.08
103	Bronopol	Nr
104	bupirimat	cucumbers, melons, fruits (pomaceous fruits)- 0.1 currant-0.1
105	Buprofezin	cucumbers - 0.1; tomatoes – 0.2
106	butylate	corn (grain) -0.5*
107	butoxicarboxim	citrus fruits - 0.01
108	vamidothion	vegetables (except for potatoes) -0.2
109	vernolat	soya (beans), corn(grain) -0.5*; soya (oil) - 0.1*; tobacco- 1.0*
110	vinclozolin	sunflower (seeds и oil) -0.5*; cucumbers, tomatoes - 1.0*; grapes -3.0*
111	granulovirus admixed with polyhedrosis of turnip moth	Rnr
112	granulovirus of apple worm	Rnr
113	nuclear polyhedrosis virus of cabbage moth	Rnr
114	nuclear polyhedrosis virus of lackey moth	Rnr
115	nuclear polyhedrosis virus of gypsy moth	Rnr
116	nuclear polyhedrosis virus of cotton budworm	Rnr
117	galaxifop-P methyl	sugar beet, sunflower (seeds), soya (beans), oil растительное-0.05; rape (grain) - 0.2; potatoes- 0.01
118	galaxifopetoxiethyl	sugar beet, sunflower (seeds), soya (beans), vegetable oil -0.05; cotton plant (seeds) -0.05*;rape (grain) - 0.2; potatoes - 0.01*
119	gamma- Cyhalothrin	Cereal grain -0.05; rape (grain, oil), fruits (pomaceous fruits)-0.1; potatoes-0.02

120	hexaflumuron	potatoes - 0.05
121	hexachlorbenzene	Cereal grain -0.01
122	hexachlorobutadiene	grapes and products of its processing – 0.0001
123	Hexachlorocyclohexane (α, β, γ-isomers) (HCCH)	Meat and poultry (fresh, cooled, and frozen) - 0.1; byproducts (lever, kidneys) - 0.1; sausages, cookery, Meat and poultry cans - as per raw materials (in terms of fat); eggs, gelatin -0.1;milk and fermented milk products -0.05; milk processing products (cheeses, curd products, butter, cream, sour milk), concentrates of milk and whey proteins, milk and dry milk products (in terms of fat) - 1.25; fresh water fish (fresh, cooled, and frozen) -0.03; sea tuna fish (fresh, cooled, and frozen), meat of sea animals - 0.2; salty, smoked, air-dried fish - 0.2; fish cans (fresh water, sea, tuna fishes, meat of sea animals) - as per raw materials; lever of fishes and its derived products , cans fish lever - 1.0; caviar, fat herring - 0.2; cereal grain, grain beans -0.5; flour, grits -as per raw materials; soya, corn (grain), bakery confectionery products – 0.2; starch and syrup made of corn-0.5; starch and syrup made of potatoes, sugar beets -0.1; flax (seeds), rape (grain), mustard - 0.4; sunflower (seeds), peanut, nuts, cocoa (beans), cocoa-products - 0.5;non-deodorized oil - 0.2; deodorized oil, of best purification - 0.05; animal fat - 0.2; fish fat-0.1; vegetables, melons and gourds, mushrooms - 0.5; potatoes - 0.1; fruits, berries, grapes - 0.05; cans with fruits and vegetables - as per raw materials; juices - as per raw materials ; honey - 0.005; protein products of seed corn, grain legumes seeds, and seeds of other crops– 0.1 baby products: adapted milk mixes for children 0 - 3 months)) -0.02; products for

		children 4 - 12 months: milk, meat - 0.02; grits, vegetables, potatoes, fruits - 0.01; butter - 0.2; vegetable oil- 0.01	
124	hexithiatox	citrus fruits (pulp) - 0.02*; cotton plant (oil) - 0.1 *; fruits (pomaceous fruits), grapes - 0.1	
125	heptachlor	All food products – 0.007	
126	gibberellic acid sodium salts	Rnr	
127	gibberellin -A 3	Rnr	
128	maleic hydrazide	potatoes – 20; onion – 15; sugar beet, red beet, garlic, carrot, tomatoes, water melons - 8.0; green tobacco – 30	
129	Hymexazol	sugar beet, red beet - 0.01	
130	Glyphosate	Fruit (seeded fruit, stone fruit), citrus fruit, sunflower (seeds), vegetables, potato, maize (grain), mushrooms- 0.3; watermelon - 0.3*; grapes, sunflower seed oil -0.1; berries (including wild berries) - 0.1; cereal grain-3.0; rice, soya bean-0.15; soybean oil-0.05*	
131	Glyphosate trimesium	cereal grain, fruit (seeded fruit), grapes - 0.3	
132	Glufosinate ammonium	Fruit (seeded fruit, stone fruit), berries, citrus fruits, grapes, carrot, potatoes - 0.2; sunflower (seeds), buckwheat, millet, rapeseed, cereal grain, leguminous, vegetable oil-0.4	
133	Guazatine	cereal grain - 0.05	
134	Humic acids	Rnr	
135	Ammonium salt of humic acid	Rnr	
136	Sodium salts of humic acids	Rnr	
137	A (+) - (p-nitrophenyl) - 1 ,3-dihydroxy isopropyl-ammonium-2-chlorethylphosphoric acid	tomatoes- 1.5	
138	DAER	grapes, sugar beet - 0.1; red beet, cottonseed oil - 0.5; citrus - 0.05	
139	Dazomet	Potato, vegetables, fish - 0.5	
140	Dalapon	Fruit (seeded fruit, stone fruit), grapes, potatoes, red beet, sugar beet -1.0;	

		cottonseed oil - 0.1; tea-0.2; berries (including wild) – 0.6
141	Daminozide	Fruit (seeded fruit) -3.0
142	Deltametrin	sunflower (seeds), melon, tobacco-0.1*; cottonseed oil, sunflower seed oil, fruit (stone fruit), bananas - 0.05*; cereal grain, leguminous, fruit (seeded fruit), cabbage, maize (grain), cucumbers, lettuce, rice, citrus fruit (pulp), sugar beet, potatoes, tomatoes, grapes, carrot - 0.01; watermelon, soya-bean oil, pepper, cacao beans, -0.01*; dry hop -5.0*; meat, milk-0.02; liver, kidneys - 0.05; animal fat- 0.5; rape (seeds, oil), maize oil- 0.02
143	Demeton	cereal grain, cottonseed oil -0.35
144	Desmedipham	red beet, sugar beet - 0. 1
145	Desmetryne	cabbage - 0.05; onion - 0.05*
146	Diazinon	cereal grain, cabbage, onion, potatoes, cottonseed oil, maize (grain), rutabaga, turnip, red beet, sugar beet - 0.1; tobacco, cucumbers, tomatoes, poppy seed oil -0.5; dry hop - 1.0; carrot -0.08; meat (in terms of fat), milk, milk products, poultry, eggs – 0.01
147	Diafentiuron	cucumbers, tomatoes -0.05;
148	Dibromo-chloro propane	Nr
149	Potassium salt of diisopropyldithiophosphonic acids (1-Hydroxyethylidenediphosphonic acid)	cereal grain –nr
150	Dicamba	cereal grain maize (grain)-0.5; maize oil - 0.05; millet -0.3
151	2-ethylhexyl ether of dicamba	nr
152	Diquat (dibromide)	pea, carrot, potatoes - 0.05; sunflower (seeds), rape (seeds)-0.5; sunflower seed oil, rapeseed oil, soya bean; soya-bean oil - 0.1; meat -0.01; milk –0.4
153	Dichloran	fruit (stone fruit) -0.1*; fruit (seeded fruit) - 0.06; carrot, cabbage, onion, potatoes – 0.004

154	Diclofop methyl	sugar beet -0.01; soya bean -0.05; soya-bean oil - 0.02*
155	Dicofol	pepper, tomatoes, cucumbers, fruit (seeded fruit, stone fruit), grapes, eggplant, gourds, citrus fruit (pulp) - 0.1*; dry hop - 5.0; berries – 0.05; cottonseed oil -0.01*
156	Dimethylchloro	rape (seeds, oil) -0.02*
157	Dimethenamid	maize (grain), soya bean, soya-bean oil, sugar beet, red beet -0.02; sunflower (seeds), sunflower seed oil -0.04
158	Dimetipin	sunflower (seeds), sunflower seed oil potatoes - 0.05*
159	Potassium salt of dimethyl ether of dehydro-aspartic acid	Maize - nr
160	Dimethoate	fruit (seeded fruit, stone fruit), olive, mushrooms, rice, gourds, cucumbers, tomatoes, tobacco, sugar beet, red beet, dry hop, berries, cabbage, cereal grain, leguminous, millet, grapes, citrus fruits, potatoes, sunflower (seeds), sunflower seed oil -0.02; rape (seeds, oil) - -0.05
161	Dimetomorf	potatoes -0.5; cucumbers – 0.01; grapes - 3.0
162	Dimoxystrobin	sunflower (seeds), sunflower seed oil, rape (seeds, oil) -0.05
163	Diniconazole	cereal grain - 0.05
164	Dinitroorthokrezol	cucumbers, potatoes, grapes - 0.06; dog rose – 0.1
165	Dinobuton	tomatoes, cucumbers, fruit (seeded fruit), grapes, sugar beet citrus fruit (pulp), cottonseed oil, pepper -0.05; berries -0.05; dry hop - 0.5
166	Dinokap	cucumbers, gourds, fruit (seeded fruit), grapes - 1.0; berries – 0.2
167	Dipropetrin	watermelon -0.1
168	Ditalimfos	cereal grain, cucumbers -0.1; fruit (seeded fruit), grapes -0.5; berries – 0.02
169	Dithianon	fruit (seeded fruit) -2.0; grapes -1.5; fruit (stone fruit) – 0.02*

170	Diuron	All food products – 0.02
171	Diphenamid	tomatoes, pepper - 0.1; tobacco -0.15;
172	Difenoconazole	fruit (seeded fruit), sugar beet -0.1; red beet -0.2; cereal grain -0.08; fruit (stone fruit) -0.15; tomatoes -0.05; carrot -0.3; potatoes -0.02; celery – 5.0**
173	Diflubenzuron	fruit (seeded fruit) champignon - 0.1; cabbage -1.0
174	Diflyufenikan	cereal grain – 0.05
175	Diclobutrazol	cereal grain -0.1*
176	Dichloral urea	nr
177	Dichlorprop dichlorprop-P	cereal grain, flour - 0.05
178	Dichlorvos	cabbage, fruit (seeded fruit, stone fruit), citrus fruit (pulp), grapes, berries, tea -0.05; cereal grain, bran - 0.3; livestock products, cereals – 0.01
179	Dichlofluanid	berries, grapes, fruit (seeded fruit) – 0.02
180	Dichloropropene + dichloropropane	nr
181	Dicyandiamide (metabolite and half-product of synthesis of Granstar)	nr
182	Doramectin	for cattle: meat -0.01;fat-0.15; liver-0.1; kidneys-0.03; for sheep and pigs: meat -0.01;fat-0.1; liver-0.05; kidneys -0.03
183	Ivermektin	for cattle: fat-0.04; liver-0.1; meat - rnr; for sheep and pigs: fat-0.02; liver-0.015; meat-rnr; meat and byproducts of poultry-0.001
184	Isobutene dichlorides (mixture)	nr
185	Isoxadifen-ethyl	maize (grain and oil) - 0.2
186	Isoxaflutole	Maize (grain) - 0.05
187	Isopropalin	tobacco - 1.0*
188	Izopropilfenatsin	rnr
189	Izoprotiolan	rice - 0.3
190	Isoproturon	cereal grain -0.01
191	Isofenphos	rape - nr
192	Imazakvin	soya bean, soybean oil - 0.1*
193	Imazalil	cereal grain – 0.1; soya bean, sunflower (seeds), rape (seeds) -0.02; soya-bean oil, sunflower seed oil, rapeseed oil -0.04;

		maize (grain)-0.3
194	Imazametabenz	cereal grain -0.2
195	Imazamox	soya bean, soybean oil, pea -0.05; rape (seeds, oil) -0.1; sunflower (seeds and oil)-0.1
196	Imazapyr	wild berries -2.0; wild mushrooms-4.0;
		sunflower (seeds, oil) -0.1
197	imazetapir	soya (beans, oil), peas
198	imidaclopride	maize (grain, oil), cereal grain -0.1; rape (grain, oil) -0.1; red beet, sugar beet, fruits (seeded fruits)-0.5 tomatoes, potatoes, cabbage -0.5; sunflower (seeds)-0.4; sunflower (oil)-0.2; black currant-3.0; cucumbers-1.0; berries-3.0**; pepper-1.0**; egg-plants-0.5**
199	Indoxacarb	Fruits (seeded fruits), grapes-0.5
200	Iodfenfos	cabbage, gooseberries, grapes - 0.5; berries – 0.01
201	Ioxinil	garlic, onion -0.1
202	ipkonazole	cereal grain-0.02
203	Iprobenfos	nr
204	Iprodione	grapes - 0.4; cucumbers, sunflower (seeds, oil)-0.02; potatoes, carrot – 0.05; tomatoes-5.0; celery cabbage-5.0**; lettuce-10.0** berries -15.0**
205	Isazofos	tomatoes, cucumbers, berries-0.2
206	Iodosulfuron-methyl-sodium	cereal grain - 0.1; maize (grain and oil) -0.2
207	Potassium vinyloxy- ethyl dithyocarbamate	cucumbers - 0.1
208	Captan	apple juice- 0.01; grapes, grape juice – 0.05; fruit (seeded fruit)-3.0
209	Carbaryl	cottonseed oil, maize (grain) -0.0125; fruit (seeded fruit, potatoes -0.05; meat -0.01; milk and milk products- 0.02
210	Carbendazim	sugar beet- 0.1; cereal grain -0.2; strawberry, currant-0.05; fruit (seeded fruit) -0.05; grapes, cucumbers-0.05*
211	Carboxin	maize (grain) ,millet, cereal grain, potatoes

		- 0.2; maize oil –rnr
212	Carbosulfan	maize (grain) , sugar beet – 0.05; potatoes - 0.25 (check of carbosulfan and its metabolites)
213	Carbofuran	sugar beet -0.05; dry hop- 5.0*; rape (seeds, oil) -0.1; mustard (seeds. oil) -0,05
214	Carfentrazone-ethyl	cereal grain , rape (seeds, oil), sunflower (seeds and oil), maize (grain and oil) -0.02
215	Quizalofop-P-tefuryl	potatoes, carrot, tomatoes, cabbage, sunflower (seeds), soya bean, sugar beet, red beet - 0.04; onion, sunflower seed oil, soya-bean oil -0.06; rape (seeds, oil) –0.02
216	Quinclorac	rice–0.05
217	Clethodim	onion, carrot, soya bean, soya-bean oil, sugar beet, red beet - 0.1; potatoes, sunflower (seeds and oil) -0.2; rape (seeds, oil)-0.5
218	Clefoxydim	rice -0.05*
219	Clodinafop -propargyl	cereal grain - 0.05
220	Clozantel	for cattle: fat, kidney-3.0; liver, meat -1.0; for sheep: fat-2.0; meat, liver-1.5; kidney - 5.0
221	Cloquintocet-mexyl	cereal grain-0.1
222	Clomazone	soya bean, soya-bean oil - 0.01*; rice-0.2*; maize (grain) , carrot, sugar beet, rape (seeds, oil) -0.1
223	Clopyralid	cereal grain-0.2; cabbage -0.05*; Maize (grain) -2.0; meat и meat products -0.3; milk and milk products, wild mushrooms and berries– 0.004; maize oil, sugar beet, rape (seeds, oil) - 0.5
224	2-ethylhexyl ether of Clopyralid	nr
225	Clothianidin	potatoes-0.05; rape (seeds)-0.04; rapeseed oil, sugar beet -0.1
226	Clofentezine	grapes-1.0; Citrus fruits -0.05*; fruit (seeded fruit) - 0.5; potatoes-0.05
227	Kresoxim-methyl	cucumbers, grapes, tomatoes - 0.5; fruit (seeded fruit) -0.2; berries - 0.1*
228	crotoxyphos	Milk, meat products, milk products -0.004;

		meat - 0.05
229	coumaphos	milk products, eggs – 0.01; beef, poultry meat -0.1; pork, meatproducts-0.2
230	lenacyl	Sugar beet, Red beet-0.1
231	luphenuron	fruits (stone fruits), potatoes - 0.04; tomatoes-0.5; grapes-0.1
232	Lambda-cygalotrine	fruits (stone fruits) -0.03*; dry hop-1.0*; mustard (seeds, oil) - 0.1*; rape (seeds, oil), soya (beans, oil) -0.1; dredge corn, cabbage, tomatoes, peas, cereal grain, potatoes, carrot-0.01; fruits (seeded fruits)-0.03; sugar beet, onion -0.02; grapes -0.15
233	Malathion	cereal grain - 3.0; sugar beet, red beet, fruits (seeded fruits, stone fruits), grapes, cabbage, cucumbers, gourds, tomatoes, tea - 0.5; dredge corn, peas, soya (beans) - 0.3; tobacco, dry hop, mushrooms, grits (other than semolina) -1.0; soya (oil) -0.1; peanuts-1.0*; bread-0.3*; citrus fruits - 0.2*; mustard, oil poppy -0.1*; livestock products, berries-0.01; sunflower (seeds, oil)-0.02; potatoes-0.05
234	Mandipropamid	potatoes-0.5; tomatoes-1.0; onion-0.1
235	Mankozeb	potatoes, onion, tomatoes, grapes, cucumbers-0. 1
236	Industrial (vaseline) oil И-8А	All plant products - rnr
237	Petroleum oil (inhibited)	nr
238	Bis copper (8- oxyquinolate)	cereal grain, potatoes, fruits (seeded fruits), tomatoes - 1.0; sugar beet - 0.1; grapes - 0.5
239	Copper-bearing substances: -copper hydroxide -copper sulfate –copper oxychloride - copper tricaptolactam dichloride monohydrate (copper check)	potatoes-2.0; dry hop-10.0*; eggs, meat - 2.0; fruits (seeded fruits, stone fruits), tomatoes, berries, grapes, sugar beet, cucumbers, onion, vegetables, citrus fruits, gourds - 5.0
240	Copper tricaptolactam dichloride monohydrate (captolactam part of the molecule)	sugar beet - 0.5; tomatoes, onion, carrot, apples, grapes -0.15; potatoes-1.0
241	Mesosulfuron - methyl	Cereal grain -0.5

242	Mesotrione	dredge corn-0.1
243	Mecoprop	cereal grain - 0.25
244	Menazon	Fruits (seeded fruits, stone fruits), vegetables, gourds, potatoes, sugar beet, legumes, tobacco - 1.0
245	Metazachlor	cabbage - 0.02; mustard (seeds) -0.02*; mustard (oil), rape (seeds, oil) - 0.1
246	Metazine	potatoes - 0.05*; peas - 0.1*
247	Metaldehyde	Cereal grain , fruits (stone fruits, seeded fruits), vegetables (other than potato), grapes -0.7; citrus fruits -0.2*; berries- 0.8
248	Metam	nr
249	Metamitron	sugar beet, red beet - 0.03
250	Metamitron	sugar beet, red beet - 0.03
251	Methyl bromide (nonorganic bromide check)	cereal grain, cacao-beans (for imported ones after 24 hours of aeration) -50.0; tomatoes -3.0; grain mill stock meant for cooking-10.0; cucumbers- 2.5; lettuce - 2.5*; dill, celery, parsley - 1.5*; egg-plants, pepper - 2.0*; dried fruit, peanuts, nuts, cocoa-products (for direct consumption) - 0.5; dried fruit (applied to imported ones after 24 h of aeration)-20.0; peanuts, nuts (applied to imported ones after 24 h of aeration) – 100.0
252	Methyl isothiocyanate	cucumbers, tomatoes- 0.05
253	Metconazole	rape (grain, oil)- 0.15
254	Metobromuron	potatoes - 0.1; tobacco – 0.5
255	Metoxychlor	potatoes - 0.3
256	Metoxuron	Cereal grain, vegetables (other than potato) - 0.1; carrot – 0.02
257	S- metolachlor	gourds, cucumbers- 0.05*; tobacco, dry hop-1.0*; cotton plant (oil) soya (oil), cabbage - 0.02; dredge corn, soya (beans), sunflower (seeds), red beet, rape (grain, oil)-0.1; sunflower (oil), sugar beet -0.05
258	Methomyl	Fruits (seeded fruits)-0.2; grapes-0.05
259	Metribuzin	tomatoes, potatoes-0.25; soya (beans, oil),

		dredge corn - 0.1
260	Metsulfuron- methyl	Cereal grain, millet -0.05
261	Mefenoxam (metalaxyl, metalaxyl M)	potatoes, onion, sugar beet, red beet - 0.05; cucumbers, tomatoes -0.5; cabbage -0.01; dry hop -5.0*; tobacco -1.0*; sunflower (seeds, oil), grapes, dredge corn, rape (grain, oil), cereal grain- 0.1
262	Mefenpyr-diethyl	cereal grain, maize (grain, oil) - 0.5
263	Miclobutanil	nr
264	Milneb	plant food products -1.0
265	Molinat	rice - 0.2
266	Monolinuron	potatoes – 0.02; cereal grain, grain legumes - 0.2
267	Naled	vegetables-0.1; meat -0,3; potatoes, eggs, milk and milk products –0.2
268	Napropamide	Sunflower (seeds) - 0.15*; sunflower (oil) - 0.05*; tomatoes, cucumbers, marrows, pumpkin -0.1*; tobacco -1.0*
269	Sodium silicofluoride	meat (including natural background) -0.4
270	Sodium salycilate	nr
271	Sodium trichloroacetate	berries-0.01; sugar beet, red beet, vegetables (other than potato), fruits (seeded fruits, stone fruits), sunflower (seeds, oil), cereal grain, grain legumes - 0.01
272	Naftalen-1- Ilthiocarbamide	nr
273	Naphthalic anhydride	Cereal grain -0.02
274	Neonol	nr
275	Nicosulfuron	dredge corn- 0.2; maize (oil)-0.1
276	Nitroalkilfenolates	nr
277	Nitrotrichloro-methane	Grain to be processed
278	Nonylphenol	nr
279	Nore	Plant food products -0.1
280	Oxadixyl	potatoes -0.1; wet hop - 0.25; grapes, tomatoes -0.5; sugar beet - 1.0*; fruits (seeded fruits) - 0.5*; tobacco, cucumbers, onion - 0.04
281	Oxamil	tomatoes, cucumbers- 0.5*; sugar beet -

		0.1*; dry hop- 1.0*
282	Oxicarboxin	Cereal grain 0.2*
283	Oximethylethyl ketone	nr
284	Oxyfluorfen	fruits (seeded fruits), onion, sunflower (seeds, oil)- 0.2
285	Oleic alcohol (HD-OCENOL)	nr
286	Parathion-methyl	fruits (seeded fruits) – 0.004; tomatoes – 0.002; peas, cereal grain-0.1; sugar beet-0.05
287	Pebulat	vegetables (other than potato), sugar beet - 0.05; tobacco -0.1
288	Pendimethalin	soya (beans, oil), garlic, tobacco, dry hop - 0.1*; tomatoes, carrot, cucumbers-0.05*; onion, parsley, cabbage, cotton (oil) - 0.05; sunflower (seeds, oil)-0.1
289	Penconazole	cucumbers, berries, water melons - 0.1; tomatoes -0.1*; fruits (seeded fruits), melons-0.2; grapes, fruits (seeded fruits)-0.3; cereal grain – 0.005
290	Penoxsulam	rice -0.5
291	Pentanochlor	tomatoes -1.5
292	Pencycuron	potatoes-0.1
293	Permethrin	cotton (oil), sunflower (oil), soya (oil), dredge corn - 0.1; fruits (seeded fruits), rice- 0.01; fruits (stone fruits), grapes - 0.01; potatoes - 0.05; melons, cereal grain, cucumbers- 0.1; sugar beet, soya (beans), pea, cabbage -0.05; sunflower (seeds) - 1.0; pepper, tomatoes -0.4; berries-0.2
294	Pinoxaden	cereal grain-1.0
295	Pinolene	nr
296	Picloram	cereal grain, dredge corn, rape (grain, oil) – 0.01; wild berries -0.5
297	Pirazosulfuron-ethyl	rice-0.1
298	pirazofos	All food products – 0.01
299	Pyraclostrobin	grapes -2.0; fruits (seeded fruits)-0.3; cereal grain-0.1
300	Pyridaben	fruits (seeded fruits) – 0.2; citrus fruits - 0.3

301	Pyridat	dredge corn -0.05
302	Pyridafention	cabbage -0.1; sugar beet, citrus fruits - 0.1 *
303	Pyrimicarb	fruits (seeded fruits, stone fruits)- 0.05; cucumbers-0.1; dry hop- 1.0*; potatoes, sugar beet, cotton (oil), pea - 0.02
304	Pirimiphos-methyl	berries, cultured mushrooms, eggs – 0.004; melons, peppers, egg-plants, sugar beet - 0.2*; Russian turnip, turnip, cabbage, celery (green), fruits (stone fruits), grapes, tea -0.5*; citrus fruit (pulp) - 0.1*; potatoes, radish, celery (celeriac), carrot - 0.05*; rice, tobacco - 1.0*; poultry meat - 0.1; poultry liver -0.5; pease-5.0*;cereal grain -0.1; tomatoes, cucumbers- 0.2
305	Pirimiphos-ethyl	corn (grain) -0.1
306	Pyriproxyfen	fruits (seeded fruits), cucumbers, tomatoes - 0.2
307	Poly-beta- hydroxybutyric acid	rnr
308	Polyhexamethylene guanidine	potatoes - 0.2
309	Polyoxyethylene dodecyl ether	nr
310	Pirimisulfuron	dredge corn-0.05
311	Products of metabolism of ginseng endophyte fungi	rnr
312	Products of metabolism of sea-buckthorn endophyte fungi	rnr
313	Proquinazid	grapes-0.5
314	Prometryn	caraway seeds -0.1*; sunflower (seeds, oil), coriander, soya (beans, oil), pea, garlic, kidney beans, potatoes, lens, maize (grain, oil) -0.1; carrot, celery, fennel, parsley -0.02
315	Propazine	sorgho, coriander - 0.2*; cereal grain, grain legumes -0.2; carrot – 0.04
316	Propaquizapop	cotton (oil), flax - 0.01; sugar beet , rape (grain, oil)-0.1; cabbage -0.2
317	Propamocarb hydrochloride	cucumbers, potatoes-0.1; lettuce-15.0**; radish -1.0**
318	Propanil	rice-0.3

319	Propargite	cotton (oil) - 0. 1*; fruits (stone fruits) - 0.5*; citrus fruits -0.3*; cucumbers-0.2*; fruits (seeded fruits), soya (beans, oil)-0.1; grapes -0.2; dry hop - 30.0
320	Propachlor	cabbage, onion, garlic, Russian turnip, turnip - 0.2; cereal grain, grain legumes - 0.3; maize -0.3*; soya (beans) – 0.1
321	Propizamid	sugar beet - 0.1; endive - 1.0*
322	Propetamphos	meat-0.02; milk -0.01
323	Propiconazole	cereal grain, sugar beet, rape (grain, oil)-0.1; red beet- 0.05, grapes-0.5
324	Propocsure	Livestock products – 0.01
325	Prosulfuron	dredge corn-0.02; cereal grain , millet - 0.05
326	Protioconazole (after protioconazole destio) protioconazole destio (basic metabolite of active ingredient of procioconazole)	rape (grain, oil)- 0.05; cereal grain-0.3
327	Prothiofos	cotton (oil), grapes -0.1; cabbage - 0.05*
328	Profenfos	cabbage, onion, garlic, Russian turnip, turnip - 0.2; cereal grain, grain legumes - 0.3; maize -0.3*; soya (beans) – 0.1
329	Prochloraz	cereal grain - 0.05; sugar beet-0.1
330	Procymidone	cucumbers, tomatoes, grapes - 0.5*; peas - 1.0*
331	Rimsulfuron	dredge corn, potatoes -0.01; maize (oil)-0.02
332	Sulfur	rnr
333	Carbon sulphide(product of sulfur block combustion)	rnr
334	Sethoxydim	sugar beet, soya (beans, oil) - 0.1;citrus fruits, carrot -0.02; fruits (seeded fruits, stone fruits), grapes- 0.05*; cabbage - 0.03
335	Simazine	Cereal grain, dredge corn, potatoes, cabbage -0.1; fruits (seeded fruits, stone fruits)-0.2; citrus fruits -0.05*; tea, grapes - 0.01; berries (including wild berries) –0.02
336	Mixture of non-ionic surfactants of fixed composition (Amigo adjuvant, KS)	nr

337	Mixture of non-ionic surfactants in Corvette	nr
338	Spinosad	cucumbers-0.5 *;pepper- 1.0*; potatoes - 0.05*
339	Spiroxamine	Cereal grain - 0.2; grapes-2.0; rice-0.2*; sugar beet -0.1
340	Suplrofos	nr
341	Monoethanolamine salt of sulfanilic acid	Cereal grain -1.0
342	Sulfometuron-methyl	nr
343	Sulfometuron- methyl	nr
344	Tau-fluvalinate	Fruits (seeded fruits), cucumbers, grapes - 0.2; cereal grain, soya (beans, oil) -0.01; fruits (stone fruits) - 0.01*;rape (grain, oil), potatoes-0.1; tomatoes -0.1
345	Tebuconazole	Cereal grain, millet, sunflower (seeds, oil)- 0,2; grapes-1,0; sugar beet-0,1; dredge corn. soya (beans. oil)-0.1; rape (grain, oil)- 0.3; rice- 2.0
346	Temefos	vegetables (other than potatoes), sugar beet, cotton (oil) -0.3; citrus fruits, milk – 0.01*; meat, eggs-1.0
347	Tepraloxydim	sugar beet -0.5; soya (beans) -5.0; soya (oil) -0.2
348	Terbacil	citrus fruits, fruits (seeded fruits, stone fruits) - 0.05
349	Terbumeton	fruits (seeded fruits), grapes -0.1; citrus fruits - 0.1*
350	Terbutilazin	Fruits (seeded fruits), grapes, citrus fruit (pulp), sunflower (seeds)-0.1; potatoes, sunflower (oil) -0.05
351	Terbutiuron	mushrooms- 0.1; berries -nr
352	Terbutrin	cereal grain - 0.1; potatoes -0.1
353	Terbufos	sugar beet-0.01*; tobacco, potatoes, maize (grain) - 0.05
354	Natural terpenoids (blend)	rnr
355	Tetradifon	vegetables (other than potatoes), gourds, fruits (seeded fruits)-0.7; cotton (oil), grapes -0.1; citrus fruits -0.2*

356	Tetrakonazol	cereal grain - 0.2
357	Tetramethyl methylenediamine oxalate	nr
358	Tetrametrine	meat, by-products, fats, milk-0.2
359	Tetrafluoron	cotton (oil) - nr; cotton (seeds) -0.1
360	Tetrachlorvinfos	cabbage, fruits (seeded fruits, stone fruits)-0.8; grapes, berries - 0.01; cotton (oil) - 0.1; dry hop -5.0
361	Tefluthrin	sugar beet, sunflower (seeds, oil), maize (grain, oil)-0.05; potatoes-0.01
362	Tiabendazole	tomatoes-0.1*; potatoes- 1.0; cereal grain, dredge corn, millet, rice, pea, sunflower (seeds, oil)- 0.2
363	Thiacloprid	Fruits (seeded fruits), rape (grain, oil) -0.3; grapes-0.02; berries -1.0**
364	Thiametoxam	Cereal grain potatoes, mustard, rape (grain, oil), sugar beet, cucumbers, peas, sunflower (seeds, oil), cabbage, onion - 0.05; tomatoes, egg-plants, pepper-0.2; fruits (seeded fruits), currant, grapes -0.1
365	Thiodicarb	Cotton (oil) - 0.5
366	Thiophanate-methyl	sugar beet, cereal grain - 1.0; persimmon, feijoa -0.2*; cucumbers, fruits (seeded fruits, stone fruits), grapes – 0.5; currant – 0.01
367	Thiociclam	sugar beet -0.02; potatoes-nr
368	Thiram	cereal grain – 0.01; potatoes-0.005 all food products -0.01*
369	Thifensulfuron -methyl	cereal grain, flax (oil) -0.5; dredge corn, soya (beans, oil) -0.02
370	Tolylfluanid	fruits (seeded fruits), cucumbers, tomatoes-1.0* berries - 1.0; grapes-0.1*
371	Tralkoxydim	cereal grain - 0.02
372	Triadimenol	cereal grain-0.2; millet – 0.02* ; grapes - 2.0; rice – 0.05*; cucumbers, tomatoes, fruits (seeded fruits)-0.1;sugar beet-0.1
373	Triadimefon	cereal grain, sugar beet, cucumbers, tomatoes - 0.5; melons, fruits (seeded fruits, stone fruits)- 0.05; grapes - 0.1 ; berries, feijoa – 0.02

374	Triadimenol + Triadimefon	Pine apples-3.0**
375	Triallat	grain legumes -0.05*; cereal grain - 0.05
376	Triasulfuron	cereal grain - 0.1
377	Tribenuron-methyl	sunflower (seeds, oil)-0.02; cereal grain - 0.01
378	Trimorfamid	Cereal grain, cucumbers, fruits (seeded fruits) - 0.2*; grapes -0.1*
379	Trinexopac-ethyl	Cereal grain -0.2
380	Tris (2-ethylhexyl) phosphate (adjuvant)	rnr
381	Triticonazole	millet, maize (grain)- 0.1; cereal grain - 0.04
382	Tritosulfuron	Cereal grain – 0.01
383	Trifenacin (by	rnr
	difenacin)	
384	Trifloxystrobin	Fruits (seeded fruits)- 0.1; grapes- 0.5
385	Triflumizol	Cereal grain - 0.05*; cucumbers, tomatoes, fruits (seeded fruits)- 0. 1*
386	Triflusulfuron -methyl	sugar beet - 0.02
387	Trifluralin	cotton (seeds and oil), water melon -0.25*; parsley -0.01; sunflower (seeds), cabbage, tomatoes, cucumbers, garlic, egg-plants, pepper, onion, soya (beans, oil), sunflower (oil), - 0.1; carrot - 0.01 *; tobacco - 0.5; rape (grain, oil)-0.1
388	Triforin	Fruits (seeded fruits), grapes -0.01*; cucumbers -0.1
389	Trichlorfon	cereal grain, dredge corn, gourds, grapes, leafy vegetables, cabbage, cucumbers, pepper, tomatoes, soya (beans, oil), sunflower (seeds, oil), potatoes, grain legumes, mustard, rice, fruits (seeded fruits, stone fruits)-0.1; sugar beet, onion, carrot, egg-plants, marrows - 0.05; cotton (oil) - 0.1*; mushrooms - 0.2; wild berries, milk, milk products, meat products-0.01
390	Famoxadone	potatoes-0.05; potatoes-0.05; tomatoes-0.2; grapes-0.25; sunflower (seeds, oil)- 0.1
391	Fenazaquin	fruits (seeded fruits)-0.2; grapes - 0.01

392	Fenamidone	potatoes - 0.03; tomatoes - 0.5
393	Fenarimol	fruits (seeded fruits), grapes - 0. 1
394	Fenbutatin-oxide	nr
395	Fenvalerate	Cotton (oil), dredge corn, soya (beans, oil), pea - 0.1*; fruits (seeded fruits), cabbage- 0.01; grapes, potatoes -0.01*; dry hop-5.0*; cereal grain -0.02; fish - 0.0015; currant – 0.03*
396	Fenitrothion	Cereal grain - 1.0; rice -0.3; bread, sunflower (seeds, oil), fruits (seeded fruits, stone fruits), citrus fruits (pulp), tobacco, sugar beet, red beet - 0.1; tea - 0.5*; wild berries and mushrooms -0.01
397	Fencapton	Fruits (seeded fruits) -0.3
398	Phenmedipham	sugar beet, red beet - 0.2; chicory, endive - 0.5
399	Fenoxaprop-P- ethyl	Cereal grain, carrot, Red beet, sunflower (oil), onion - 0.01; sugar beet, soya (beans, oil) - 0.1; cabbage , sunflower (seeds)- 0.02; rape (grain, oil), pea - 0.2
400	Fenoxcarb	grapes - 0.1; fruits (seeded fruits, stone fruits)- 0.01
401	Derivatives of phenoxy-propanoic acid; Metabolites and half-products of synthesis of Centaur:	sugar beet -0.02
	-2, 3, 5-trichloro-pyridine	nr
	-2-etoxy-ether 2-chloropropionic acid	nr
	-4-(3', 5'- dichloropyridil -2-oxy) phenol	nr
402	Fenpiclonil	nr
403	Fenpyroxymate	Fruits (seeded fruits)-0.2; grapes - 0.3
404	Fenpropatrine	Fruits (seeded fruits), grapes - 0.02; cotton (oil)-0.03*
405	Fenpropidin	Cereal grain - 0.25
406	Fenpropimorph	Cereal grain - 0.2*; sunflower (seeds) - 0.05*; sunflower (oil) - 0.1 *
407	Fenthion	cereal grain, grain legumes, sugar beet- 0.15; milk and milk products– 0.01; meat and meat products - 0.2

408	Fentoate	citrus fruits - 0.05*; berries-0.01; fruits (seeded fruits), grapes -0.1; cereal grain, rice, fruits (stone fruits) -0.1*
409	Fenuron	Wild berries, mushrooms - 1.0
410	Fipronil	potatoes, cereal grain -0.005
411	Flamprop- izopropyl	Cereal grain - 0.1 *
412	Flamprop –M-methyl	Cereal grain- 0.06*
413	Florasulam	Cereal grain -0.05; maize (grain, oil) – 0.1
414	Fluazinam	potatoes -0.025
415	Fluazifop-P- butyl	Red beet -0.1*; sugar beet, onion , potatoes - 0.02; carrot, pea - 0.03; fruits (seeded fruits, stone fruits) grapes- 0.02*; cabbage, rape (grain, oil) - 0.04; sunflower (oil, seeds), soya (beans, oil)-0.04
416	Fludioxonil	cereal grain, dredge corn -0.02; sunflower (seeds, oil), peas, sugar beet, potatoes, soya (beans, oil), rape (grain, oil)- 0.05; grapes (berries, juice))-2.0
417	Flumetsulam	Cereal grain -1.0
418	Flumioxazin	Sunflower (seeds, oil), soya (beans, oil) – 0.1
419	Fluometuron	cotton (oil) - 0.1; Cereal grain -0.5*
420	Fluopicolide	potatoes-0.05
421	Fluroxypyr	Cereal grain, onion - 0.05
422	Flurochloridon	cotton (oil)- 0.01; potatoes, sunflower (seeds, oil), carrot – 0.1;
423	Flutriafol	Cereal grain, dredge corn, millet, rice, pea, fruits (seeded fruits), sunflower (seeds, oil), grapes -0.05 sugar beet - 0.1
424	Flufenzine	Fruits (seeded fruits)-0.04*, grapes-0.02*
425	Flucithrinate	Cereal grain -0.005
426	Fozalone	cabbage, melons- 0.2*; cotton (oil), egg-plants, tomatoes, sugar beet, fruits (seeded fruits , stone fruits), grapes, citrus fruits (pulp), cereal grain, tobacco, mushrooms, grain legumes -0.2; potatoes, soya (beans, oil), oil poppy - 0.1; dry hop - 2.0*; rice - 0.3; livestock products, wild berries -0.01

427	Foxim	Cereal grain, Russian turnip, turnip, peas, sunflower (oil), maize (grain)- 0.05*; potatoes, tomatoes, egg-plants, meat - 0.02; cabbage, sugar beet - 0.1; sunflower (seeds) - 0.1 *; dry hop -0.5*; carrot, eggs – 0.01, Cereal grain after treatment under storage conditions - 0.6
428	Folpet	potatoes, grapes, fruits (seeded fruits, stone fruits)-0.02
429	Foramsulfuron	dredge corn-1.0; maize (oil)-0.5
430	Formothion	cotton (oil), sugar beet, red beet, fruits (seeded fruits, stone fruits), cabbage, grapes, tea, pomegranates - 0.2; citrus fruits (pulp) -0.04*; dry hop - 2.0*
431	Fosmet	sugar beet - 0.25 ; mushrooms - 0.1 ; potatoes, wild berries – 0.01
432	Ether phosphate (adjuvant)	rnr
433	Phosphine	cereal grain - 0.1; grain products, sugar, dry vegetables and fruit, cacao beans, tea, spices, nuts, peanut-0.01; soya (beans)- 0.05*
434	Fluorglycophen	Cereal grain
435	Furathiocarb	cereal grain, sunflower (seeds), rape (grain), dredge corn, sugar beet –0.02
436	Heptenophos	Cereal grain, grain legumes, fruits (seeded fruits, stone fruits), grapes, cucumbers, tomatoes, pepper - 0.1*; citrus fruits (pulp) - 0.05*; berries -0.01; potatoes - 0.01*
437	Quizalofop-P- ethyl	Red beet - 0.01; water melon, cabbage, onion, sugar beet, carrot, potatoes, tomatoes, rape (grain, oil) -0.05; soya (beans, oil), sunflower (seeds, oil) - 0.1; pea -0.4
438	Quinometionate	nr
439	Chloramben	cabbage, tomatoes, grapes, citrus fruits (pulp), soya (beans, oil), cotton (oil) - 0.25
440	Chlorantraniliprol	Fruits (seeded fruits) – 0.5; potatoes- 0.1
441	Chlorbromuron	Cereal grain, dredge corn, soya (beans, oil) - 0.1; carrot – 0.2

442	Chloridazon	sugar beet, red beet-0.1
443	Chlorimuron-ethyl	soya (beans, oil)- 0.05
444	Chlorinat	cereal grain, vegetables (other than potato), fruits (seeded fruits, stone fruits) - 0.1
445	Chlormequat chloride	Cereal grain - 0.1; grapes, fruits (seeded fruits), tomatoes, cabbage - 0.05
446	Chlor-oxurone	Carrots – 0.02
447	Chlorothalonil	tomatoes – 0.15*; fruits (seeded fruits), grapes - 0.15; cucumbers-0.1* ; dry hop - 1 .0*; potatoes - 0.05; cereal grain – 0.1
448	Chlorpyriphos	dredge corn (grain) - 0.0006*; rape (grain, oil)-0.05; cotton (oil) -0.0005*; cereal grain-0.01; fruits (seeded fruits)-0.5; grapes -0.4; potatoes, sugar beet-0.005; fruits (stone fruits)-0.2**; citrus fruits-0.3**
449	Chlorpropham	onion, carrot, chicory - 0.05; peeled potatoes for chips production-3.0
450	Chlorsulfoxym	cereal grain, flax (oil), maize (maize) - 0.005
	2-amine-4-dimethylamine-6-isopropylidene aminoxy-1,3,5-triazine, metabolite and half-product of synthesis of Krug	nr
451	Chlorsulfoxym - methyl	Cereal grain, maize (grain)- 0.005
452	Chlorsulfuron	Flax (seeds)-0.01; Cereal grain -0.01
	2-amine-4-methyl-6-metoxy-1,3,5-triazine, metabolite and half-product of synthesis of Hardin	nr
453	Potassium salt of chlorsulfuron	Flax (seeds) – 0.01
454	Chlortaldimethyl	potatoes- 0.002; vegetables, fruits (seeded fruits, stone fruits), fish, meat, butter – 0.05; milk products -0.04; sugar -0.02
455	Chlortholuron	Cereal grain - 0.0 1 *
456	Chlorphenetol	Cotton (oil), grapes -0.1*; citrus fruits (pulp) -0.1; fruits (seeded (fruits)-2.0
457	Chlorfluazuron	potatoes, cotton (oil) - 0.05
458	Cyanofos	citrus fruits - 0.05*; beet, cabbage, fruits (seeded fruits), grapes - 0.1

459	Cyhexatin	cotton (oil), fruits (seeded fruits), grapes, citrus fruits - 0.01; soya (beans, oil) -0.1 *; dry hop - 1 .0*
460	Cycloate	sugar beet, red beet - 0.3
461	Cymoxanil	potatoes, cucumbers-0.05; grapes, tomatoes-0.1; sunflower (seeds, oil)-0.2
462	Zineb	potatoes - 0.1; cereal grain, rice, pea -0.2; tomatoes, cucumbers, sugar beet, onion, gourds, fruits (seeded fruits, stone fruits), grapes- 0.6; dry hop, tobacco, essential oil rose -1.0; berries – 0.02
463	Cinidon-ethyl	nr
464	Aaphytora and ethylene thiuram disulfide (complex), metiram (synonym)	All food products - 0.02
465	Aapthytora and ethylene thiuram disulfide and manganese ethylene-bis-dithiocarbamate (blend)	potatoes, fruits (seeded fruits), grapes - 0.1
466	Cypermethrin (ζ- and β- Cypermethrines)	cotton (oil) - 0.01*; cabbage-0.01; pepper-0.2*; citrus fruits, sunflower (seeds, oil), gourds, cucumbers, tomatoes -0.2; berries - 0.01; fish - 0.0015; pea, rape (oil), soya (oil), cultured mushrooms -0.1; sugar beet, fruits (seeded fruits), potatoes, cereal grain, carrot, soya (beans), dredge corn - 0.05; grapes - 0.5; meat, livers and kidneys of cattle, sheep, pigs, poultry, fats - 0.2; cow milk -0.05; eggs -0.1; fruits (stone fruits)-0.1*
467	Cyprodinil	fruits (seeded, stone fruits) - 0.4; grapes - 2.0
468	Cyproconazole	Cereal grain - 0.05; sugar beet, pea, fruits (seeded), grapes-0.1
469	Edil	potatoes, soya (beans, oil), sunflower (seeds, oil) -0.02
470	Emamectin benzoate	grapes-0.05; cabbage-0.7; tomatoes-0.02
471	Endosulfan	berries, cucumbers, tomatoes-0.002; cotton (oil) -0.05
472	Epoxyconazole	cereal grain-0.2; sugar beet –0.05
473	Esfenvalerate	dredge corn-0.01*; sunflower (seeds),

		soya (beans) -0.02*; sunflower (oil), soya (oil) –0.04*; sugar beet – 0.01*; cotton (oil), potatoes, grapes, peas, cereal grain, fruits (seeded fruits), rape- 0.1; cabbage - 0.05; meat and meat products, milk-0.01
474	Ethaboxam	potatoes-0.5; grapes-3.0
475	Etalfluralin	water melons - 0.05*; cotton (oil), sunflower (seeds, oil), soya (beans, oil) – 0.02
476	Ethefon	cereal grain, citrus fruits, sugar beet, peas, tomatoes, cabbage, cucumbers- 0.5*; potatoes - 0.15
477	Ethylene thiourea	All plant and food products -0.02
478	Ethyl mercuric chloride (Granozane)	All food products and feed stock – 0.005
479	Ethylfenacin	rnr
480	Ethyofencarb	potatoes - 0.04; grain legumes -0.2*; sugar beet - 0.1*; cotton (oil) , cereal grain, rice - 0.05*; dry hop - 1.0*
481	Ethirimol	cereal grain - 0.05
482	Aliphatic alcohol ethoxylate $C_{\underline{8}}$-$C_{\underline{10}}$	nr
483	Isodecyl alcohol ethoxylate (adjuvant)	rnr
484	Etofenprox	cotton (oil), potatoes - 0.1*; fruits (seeded fruits) - 0.3*
485	Ethofumezate	Red beet, sugar beet -0.1; tobacco -1.0*
486	Etrimfos	cotton (oil), fruits (seeded fruits, stone fruits), grapes -0.5*; sugar beet - 0.01*; cabbage, potatoes, sunflower (seeds, oil) - 0.1*; pea, cereal grain (stored supplies) - 0.2*; berries (any) -0.01